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February 28, 1955

Dear HIM:

You will find enclosed a revision of my memorandum of February 16 brought about by discussions between a number of others and myself. Your telephone conversation of February 23 served as a basis for selecting some new numbers and after talking about some of the details with RP and EM other changes have evolved.

I wish to call your attention specifically to some additional, and I believe new information on the operation of unit "C". These three modes will meet the requirements as I understand them and still fall in the range of practical speeds for the movement of this camera. I hope that you will agree with my analysis of the spare situation and will understand what we have done with the complement of photographic equipment for each base. It is felt that three advance bases per base is what you had in mind and therefore, those items required for advance base operation will be supplied in multiples of nine. NO!

When I see you on the 10th, I will have a delivery schedule which will be more definitive than any we have worked up so far, and as far as I can tell at this time, will be consistent with our hopes to date. One item of scheduling is not clear, and this concerns the schedule of activation of the various bases. Since the delivery schedule on B and C lags that of A by a considerable time, the first few bases activated will not have a complete complement of equipment. Therefore, the items listed will not all have to arrive at the same time. Any information you can supply on this subject will be greatly appreciated.

I discussed the problem of the two color stereo pairs, and while this sounds like a very fine idea, it will require a considerable increase in complexity of camera B. Before undertaking this complexity, I have suggested that a quick and dirty flight test of the idea be undertaken for the purpose of evaluating the possibilities of the method. H. is now preparing a proposal for such a flight test to be carried out within the next few weeks.

In the discussion of the problem of supplying suitable film, I wish to call your attention to the fact that it is H's intention to supply special light weight spools onto which all film stock for this undertaking is to be reeled by the manufacturer or coater. The reels used at present are much too heavy. We do not wish to respool all of the film involved. In this connection I wish to repeat the point I made on the phone the other day about a requirement for some sample stock coated in such a way as to have the same mechanical properties as the stock actually to be used for mechanical tests in the camera. This will be required by April 1 if its lack is not to delay the program.

If there are any corrections or additions which I should make to this memo, please let me know at once for I would like this document to serve as a basis for our discussion on the 10th.

RMS

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CONTAINS SENSITIVE COMPARTMENTED INFORMATION

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